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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/031,918
	(Use as many sheets as necessary)		Filing Date	01/22/2002
			First Named Inventor	Joseph P. Noel
			Group Art Unit	
		Examiner Name		
1 of 3		Attorney Docket Number	SALK2370-2 (088802-5455)	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NE		Eckermann et al., "New pathway to polyketides in plants." <i>Nature</i> 396:387-390, (1998).	
NE		Ferrar et al., "Chalcone synthase from alfalfa." Database for 'Online!', ID 1BI5, June 22, 1999.	
NE		Ferrar et al., "Structure of chalcone synthase and the molecular basis of plant polyketide biosynthesis." <i>Nature Structural Biology</i> , 8: 775-784, 1999.	
NE		He et al., "Structural modeling and site-directed mutagenesis of the actinorhodin $\beta$ -ketoacyl-acyl carrier protein synthase." <i>Journal of Bacteriology</i> , 182: 2619-1623, 2000.	
NE		Helariutta et al., "Chalcone synthase-like genes active during corolla development are differently expressed and encode enzymes with different catalytic properties in <i>Gerbera hybrida</i> (Asteraceae)." <i>Plant Molecular Biology</i> , 28: 47-60, 1995.	
NE		Huang et al., "Crystal structure of $\beta$ -ketoacyl-acyl carrier protein synthase II from <i>E.coli</i> reveals the molecular architecture of condensing enzymes." <i>The EMBO Journal</i> , 17: 1183-1191, 1998.	

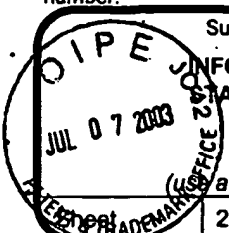
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NE		Jez et al., "Dissection of malonyl-coenzyme A decarboxylation from polyketide formation in the reaction mechanism of a plant polyketide synthase." <i>Biochemistry</i> , 39:890-902, 2000.	
NE		Jez et al., "Structure of chalcone synthase and the molecular basis of plant polyketide biosynthesis." Meeting information: Annual Meeting of the American Societies for Experimental Biology on Biochemistry and Molecular Biology, San Francisco, CA., May 16-20, 1999. <i>FASEB Journal</i> : Vol. 13, No. 7, p. A1392, XP002158823, Abstract 355.	
NE		Junghans et al., "Stress responses in alfalfa ( <i>Medicago sativa</i> L.) 15. Characterization and expression patterns of members of a subset of the chalcone synthase multigene family." <i>Plant Mol. Biol.</i> , 22:239-253, (1993).	
NE		Kreuzaler and Hahlbrock, "Enzymic synthesis of an aromatic ring from acetate units: Partial purification and some properties of flavanone synthase from cell-suspension cultures of <i>petroselinum hortense</i> ." <i>Eur. J. Biochem.</i> , 56:205-213, (1975).	
NE		Lanz et al., "The role of cysteines in polyketide synthases: Site-directed mutagenesis of resveratrol and chalcone synthases, two key enzymes in different plant-specific pathways." <i>J. Biol. Chem.</i> 266:9971-9976, (1991).	
NE		Mathieu et al., "The 2.8 Å crystal structure of peroxisomal 3-ketoacyl-CoA thiolase of <i>Saccharomyces cerevisiae</i> : a five-layered αβαβ structure constructed from two core domains of identical topology." <i>Structure</i> , 2:797-808, (1994).	
NE		Otwinowski and Minor, "Processing of X-ray diffraction data collected in oscillation mode." <i>Methods Enzymol.</i> 276:307-26, (1997).	
NE		Preisig-Mueller et al., "Plant polyketide synthases leading to stilbenoids have a domain catalyzing malonyl-CoA:CO <sub>2</sub> exchange, malonyl-CoA decarboxylation, and covalent enzyme modification and a site for chain lengthening." <i>Biochemistry</i> 36:8349-8358, (1997).	
NE		Raiber et al., "Molecular and enzymatic characterization of two stilbene synthases from eastern white pine ( <i>Pinus strobus</i> ): A single Arg/His difference determines the activity and the pH dependence of the enzymes." <i>FEBS Letters</i> , 361: 299-302, 1995.	
NE		Schroder, "A family of plant-specific polyketide synthases: facts and predictions." <i>Trends in Plant Science</i> , 2: 373-378, 1997.	

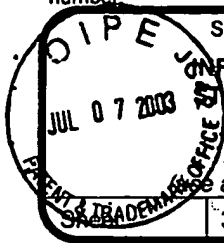
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NE		Schroeder et al., "Plant polyketide synthases: a chalcone synthase-type enzyme which performs a condensation reaction with methylmalonyl-CoA in the biosynthesis of C-methylated chalcones." <i>Biochemistry</i> , 37:8417-8425, (1998).		
NE		Schroder and Schroder, "Stilbene and Chalcone synthases: Related enzymes with key functions in plant-specific pathways." <i>Zeitschrift Fuer Naturforschung. Section C. Biosciences</i> , 45c: 1-8, 1990.		
NE		Tropf et al., "Reaction mechanisms of homodimeric plant polyketide synthases (stilbene and chalcone synthase)." <i>J.Biol.Chem.</i> , 270:7922-7928, (1995).		
NE		Welle & Grisebach, "Isolation of a novel NADPH-dependent reductase which coacts with chalcone synthase in the biosynthesis of 6'-deoxychalcone." <i>FEBS Lett.</i> 236:222-225, (1988).		
NE		International Search Report from International Application PCT/US00/20674.		

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NE	A1	WO	01/07579		Salk Institute for Biological Studies	Feb. 1, 2001		

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NE	A2	Suh et al., "Identification of amino acid residues important in the cyclization reactions of chalcone and stilbene synthases." Biochem. J., 350: 229-235, 2000.	
NE	A3	International Search Report for PCT Application No. PCT/US01/48523.	

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